INDEX TO VOLUME XVII

A

Air, Upper, Exploration by Pilot Balloons, *Denison*, 46.
Algol, 32.
Amateur Astronomers by *One of Them*, 342.
Ami, Lecture on Prehistoric Life and Age of the Earth, 408.
Asbury, Address on Comets, 124.
Astronomer's Apostrophe to Urania (poem), *F. C. Leonard*, 309.
Astronomical Meeting, A Great, *J. S. Plaskett*, 325.
Astronomical Notes, *F. Henroteau*, 112.
Astronomical Science and Modern Philosophy, *J. F. Heffron*, 13, 70.
Astronomical Society of Canada, and Review of Astronomical Progress in 1922, *W. E. W. Jackson*, 49.
Astronomy a National Necessity, *R. J. McDiarmid*, 216, 235.
Astronomy in Bermuda, *C. A. C.*, 403.
Atmosphere, Upper, *John Satterly*, 291; Solar, 411.
Atom, 118, 119, 175; and Molecules, 171.
Aurora, Audibility of, *C. A. Chant*, 273; 305.
Aurorae, Sunspots and Magnetic Variations during 1921, *W. E. W. Jackson*, 361.
Aurorae and Radio, *J. P. Henderson*, 374.
Australian Aboriginal Astronomy, *J. G. Griffin*, 156.
Australian Eclipse, 1, 95; 223.

B

Balloons, Pilot, 46.
Barnard, Edward Emerson, Life, *J. A. Parkhurst*, 97; Paper by *Paterson*, 413.
Barnard, E. E., Photographing the Sky, 177; 220.
Bermuda and its Astronomical needs, *E. D. Robinson*, 311; see also p. 403.
Bigger, Charles Albert (Obituary), *F. A. McDiarmid*, 357.
Book and Publication Reviews, 27, 89, 164, 211, 268, 302, 347, 399.
Bowyer, W., Comparison of Observations of NSS and LY Wireless Time Signals, 243.

C

Cabled Scientific Information, *C. A. C.*, 32.
Calendar, Easter and the Ecclesiastical Calendar, *C. E. Woodman*, 141.
Campbell, Director, elected President of University of California, 35.
Can Gravitation be Explained? *A. S. Eddington*, 387.
Chant, C. A., Eclipse Camp at Wallal, 1; Audibility of the Aurora, 273; See also Notes and Queries; also 89, 268, 350, 400.
Chant, Jean L., Shadow Bands at the Australian Eclipse, 379.
Climate changes (discussed by *Sir F. Stupart*), 167.
Coincidences, *C. A. C.*, 31.
Comets (address by *Asbury*), 124.
Computation of Planetary Configurations, *W. T. B. Crombie*, 314.
Copernican System (poem by *Chatterton*), 308.
Coutlee, C. R., Star Myths, 251, 285.
Crescent Moon Sets in the Morning Again, 32.
Crombie, W. T. B., Computation of Planetary Configurations, 314.

D

Dawson, Lecture on The Influence of the Sun and Moon on the Ocean, 408.
Dawn of Night (poem), *A. D. Watson*, 341.

Death of Members of the Society, 357, 405.
Detroit Observatory, Publications of (Review), *F. Henroteau*, 399.
Dominion Observatory Work in the Mackenzie District, *A. H. Miller*, 197.

E

Earth, Prehistoric Life and Age of (*Ami*), 408.
Easter and the Ecclesiastical Calendar, *C. E. Woodman*, 141.
Eclipse Camp at Wallal, Australia, *C. A. Chant*, 1.
Eclipse Expedition, Canadian, Measurement of the Einstein Plates, *R. K. Young*, 129, 47, 269; Lick Results Review, 347.
"Eclipses of the Sun" by *Mitchell*, Review, 350.
Eddington, A. S., Can Gravitation be Explained? 387.
Einstein and Relativity, 13, 47, 122, 129, 172, 225, 272; Couplet, 407.
Ellis, John, Obituary notice, 405.
Emerson, poem on "Wealth", 168.
Elementary Notions of Space and Time, *J. L. Synge*, 225.
Ensisheim, Meteor-fall of, *C. A. C.*, 407
Evolution of the Earth, 42, 121, 126.

G

Gravitation, Can it be Explained? *A. S. Eddington*, 387.
Gravity Results in the Mackenzie Basin, *A H. Miller*, 367.
Gray, R. A., Life and Work of Tycho Brahé, 82, 104.
Griffin, J. G., Australian Aboriginal Astronomy, 156.

H

Halo, at Maple, 34; at Viking, 92; at Lethbridge, 115.
Harper, W. E., Simple Description of System of Star Boss 6148, 336.
Hassard, Albert R., Popular Astronomical Publications, 210.
Heffron, Joseph F., Astronomical Science and Modern Philosophy, 13, 70.
Henderson, J. P., Aurorae and Radio, 374.
Henroteau, F., Review of Publications, 27, 112, 399.
Hunter, A. F., Volcanic Action in the Earth and the Moon, 411.

I

Influence of the Sun and Moon on the Ocean (*Dawson*), 408.

J

Jackson, W. E. W., "Terrestrial Magnetism", 37; Work of R.A.S.C. and Review of Astronomical Progress in 1922, 49; Aurorae, Sunspots and Magnetic Variations during 1921, 361.
Japan Earthquake, Toronto Record of, 411.
Jón Bjarnason of Thorormstongue, 138.
Jupiter, Observation by Hassard, 409; by Miller, 410.

L

Lantern Slides, A Selected list of 100 (Review), *C. A. Chant*, 400.
Leonard, F. C., Investigation of the Spectra of Visual Double Stars (Review of, by *F. H.*), 112; An Astronomer's Apostrophe to Urania (poem), 309.

M

Mackenzie River District, Dominion Observatory Work in, *A. H. Miller*, 197; Trip by *Harold Bibby*, 170.
Magnetic Variations and Sunspots (see Aurorae).

Magnetism, 37; 305; 353.
Mars, Ode to, 34.
Mathematics, Reference to Some Famous Problems, 174.
McDiarmid, F. A., Charles Albert Bigger (Obituary), 357.
McDiarmid, R. J., Astronomy a National Necessity, 216, 235.
McDowell, James B., Death of, 406.
Meetings, R.A.S.C., Annual General, 59; at London, 126, 174, 272, 415; at Montreal, 41, 94, 124; at Ottawa, 37, 121, 223, 408; at Toronto, 36, 61, 117, 170, 222, 353, 409; at Victoria, 45, 96, 126, 175, 354; at Winnipeg, 43, 94, 121, 173.
Meteor-fall of Ensisheim, *C. A. C.*, 407.
Meteors, 43, 96, 306, 355.
Michigan, Publications of University Observatory of (Review), 399.
Miller, A. F., Fraunhofer and his Work, 120; Note, Relative to Changes in a Spectrum Tube of Helium, 322; Method for Observing Spectra of Metals, 410; Observation of Sun, 411.
Miller, A. H., Dominion Observatory Work in the Mackenzie District, 197; Gravity Results in the Mackenzie Basin, 367.
Mira a Visual Double, *C. A. C.*, 403.
Mitchell, S. A., "Eclipses of the Sun", reviewed, 350; His Parallax Work, 405.
Mine depth and temperature, 271.
Molecules, 171; see Atoms.
Moon and Weather, 307.
Morton, T. W., "Shooting Stars", 43.
Motherwell, R. M., Review of Energy of Spectrum, 302.

N

New Zealand, 44, 269.
Norse Discovery of America, *A. D. Watson*, 257.
Notes and Queries, *C. A. Chant*, 31; 91; 113; 166; 219; 269.

P

Parallax Work by *Mitchell*, 350, 405.
Parkhurst, J. A., Life of E. E. Barnard, 97.
Paterson, John A., Paper on Barnard, 413.
Photographing the Sky, *E. E. Barnard*, 177.
Pilcher, C. V., "Stars in Literature", 36.
Plaskett, J. S., A Great Astronomical Meeting, 325, 219; The O-type Stars, 415.
Pleiades, References to (*Hunter*), 413.
Popular Astronomical Publications, *A. R. Hasfard*, 210.

R

Recent Astronomical Discoveries (*Warren*), 414.
Relativity, see Einstein.
Reviews, see Book and Publication.
Robinson, E. D., Bermuda and its Astronomical Needs, 311.

S

Satterly, John, The Upper Atmosphere, 291; The Solar Atmosphere, 411.
Seismograph, The Milne-Shaw (*Denison*), 414.
Shadow Bands at the Australian Eclipse, *Jean L. Chant*, 379.
Shapley, H., Lecture on Star Clusters, 39.
Solar System, Motion in (*Kingston*), 415.
South Africa, Astr. Soc., 166.
Space and Time, Elementary Notions of, *J. L. Synge*, 225.
Spectrum, Note, Relative to changes in a Helium tube, *A. F. Miller*, 322; 120; 174.

Star Clusters, 39.
Star Diameters, 127; Evolution, 128.
Star, Simple description of the System of Boss 6148, *W. E. Harper*, 336.
Star Myths, *C. R. Coutlee*, 251, 285; 127.
Stars in History, 36.
Stewart, R. Meldrum, Wireless Time Signals at Ottawa, 10, 79, 110, 247, 383.
Stroobant, P., Les Progrès Récents de l'Astronomie (Reviewed by *F. H.*), 27.
Stupart, Sir Frederic, 164; 167.
Sunspot minimum, 412.
Sunspots and Magnetic Variations (see Aurorae).
Sun and the Recent Winter, 167.
Synge, J. L., Elementary Notions of Space and Time, 225.

T

Taylor, Wilson, Obituary Notice, *C. A. C.*, 405.
Telescope, New, for Southern Hemisphere, 355.
Telescope Makers, A Goodly Company of, 113.
Tennyson's Science and that of his Commentators, *C. A. C.*, 401.
Time Signals, see Wireless.
Tobey, W. M., Geodetic Position Evaluation (Reviewed by *L. B. S.*), 30.
Tycho Brahé, Life and Work, *R. A. Gray*, 82; 104.

U

Upper Atmosphere, *John Satterly*, 291.
Urania, An Astronomer's Apostrophe to (poe m), *F. C. Leonard.*

V

Venus: Evening and Morning Star (Tennyson's Poem), 360; Occultation of, 31.
Volcanism, 38.
Volcanic Action in the Earth and the Moon, 411.

W

Watson, Albert Durrant, Norse Discovery of America, 257; Dawn of Night (poem), 341.
Weather and Moon, 270.
Winter and Climate, 167.
Wireless Time Signals at Ottawa, *R. M. Stewart*, 10, 79, 110, 247, 383. Comparison of Observations made at Ottawa and Greenwich, *W. Bowyer*, 243.
Woodman, Clarence E., Easter and the Ecclesiastical Calendar, 141.

Y

Yerkes Observatory. A Selected List of Lantern Slides, 400.
Young, James, Toronto Record of Japan Earthquake, 411.
Young, R. K., The Canadian Eclipse Expedition, Measurement of the Einstein Plates, 129; Review of Lick Einstein Results, 247.